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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/625,912	07/23/2003	Leland S. Swanson	T1-24974.2	8884	
23494	7590 06/24	004	EXAM	EXAMINER	
	STRUMENTS IN 5474, M/S 3999	CLEVELAND	CLEVELAND, MICHAEL B		
DALLAS, T			ART UNIT	PAPER NUMBER	
•			1762		

DATE MAILED: 06/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Notice Examiner			A-S					
Examiner Michael Cleveland 1762 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE of THIS COMMUNICATION. - Statement of time may be analysis under the positions of 3° CFR 1.136(s), in no overt, however, may a reply be timely filed. - If No proof for may it is appelled above. the maximum statutory period will apply and will expire SK (8) MXNHTS into the unalling date of this communication. - If No proof for may it is appelled above. The maximum statutory period will apply and will expire SK (8) MXNHTS into the unalling date of this communication. - If No proof for may be precided above. The maximum statutory period will apply and will expire SK (8) MXNHTS into the unalling date of this communication. - If No proof for may be precided above. The maximum statutory period will apply and will expire SK (8) MXNHTS into the unalling date of this communication. - If No proof for may be precided above. The maximum statutory period will apply and will expire SK (8) MXNHTS into the unalling date of this communication. - Apply and the maximum statutory period and the intelliging date of this communication. - Application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims - Application of Claims - Application Papers - Application may not request that any objection to the drawingly be held in abeyance. See 37 CFR 1.85(a). - Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). - The oath or declaration is objected to by the Examiner. - Application Papers - Application Papers - Application Papers - Applica		Application No.	Applicant(s)					
Michael Cleveland 1762		10/625,912	SWANSON, LELAND S.					
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THE MAILING DATE OF THIS COMMUNICATION. Extensions of mem ray be available under the provision of 3 CPR 1.13(6). In no event, however, may a righty be timely filed after SIX (6) MONTHS from the mailing date of this communication. It is not considered to the considered to the communication of the provision of the communication of the communi		pears on the cover sheet with the	correspondence address					
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DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 13 and 17 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 13 and 17 are unclear because they depend from canceled claims.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 13 and 17 are rejected under 35 U.S.C. 102(e) as being anticipated by Himeshima et al. (U.S. Patent 6,469,439, hereafter '439). (Namiki et al. (U.S. Patent 5,399,936) is cited as evidence regarding claim 8 that the work function of gold is about 5.1 eV.)

'439 teaches a method for forming a pixel of an electroluminescent display (col. 1, lines 1-15), comprising:

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providing a substrate (1) including a first series of substantially parallel and spaced apart electrodes (i.e., contacts) (2) (col. 5, lines 10-13; Figs. 1-3);

forming a hole-transporting layer (5) (i.e., a first transport layer) outwardly of the first series of contacts (2) (col. 6, lines 36-46, col. 9, lines 60-61, Fig. 2);

selectively depositing a plurality of emissive strips (red, green, and blue) (6) outwardly of the first transport layer (5), the emissive strips comprising a repeating pattern of disparate emissive strips (col. 5, lines 11-27; col. 6, lines 36-46; Figs. 1-2);

forming an electron-transporting layer (7) (i.e., a second transport layer) outwardly of the plurality of emissive strips (6) (col. 11, lines 6-14; col. 6, lines 36-46; Fig. 2); and

forming a second series of substantially parallel and spaced apart electrodes (i.e., contacts) (8) outwardly from the second transport layer (7) and over the plurality of emissive strips (6), the second series of contacts substantially parallel to the first series of contacts (col. 5, lines 11-26; Figs. 1-2).

Claim 17: The EL device may be a flat panel display (col. 1, lines 10-14). The substrate may be transparent, and the electrodes (2) may comprise metal (col. 5, line 49-col. 6, line 13).

5. Claims 13 and 17 are rejected under 35 U.S.C. 102(b) as being anticipated by WO99/20080 for substantially the same reasons given above (Himeshima '439 is used as a translation because it is a division of the national stage application of international application PCT/JP97/03721, which matured into WO99/20080.)

Conclusion

- 6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Imai et al. (U.S. Patent 5,256,945, hereafter '945) teaches the use of gold as a transparent anode in organic EL devices (col. 2, lines 59-61).
- 7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Cleveland whose telephone number is (571) 272-1418. The examiner can normally be reached on Tuesday-Friday and alternate Mon, 8-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shrive Beck can be reached on (571) 272-1415. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Michael Cleveland

Patent Examiner

June 16, 2004